

# Wolflite XT Rechargeable LED Handlamp

Zones: 0, 1, 2, 20, 21 and 22



## Product Overview

**The Wolflite XT Rechargeable Handlamp exploits advanced technology to deliver excellent performance, robustness, reliability and versatility in the harshest environments and is CE marked to the ATEX Directive and IECEx Certified, for safe use in Zones 1 and 2 potentially explosive gas and Zones 21 and 22 dust atmospheres. A Zone 0 and 20 version is available.**

The XT Rechargeable LED Handlamp is available in a number of different models to optimise performance in specific applications. Bespoke optics and the highest performing 'fitted for life' LED light sources deliver outstanding light output from the high intensity spot beam; ideal for tasks requiring a higher light intensity. A wide-angle flood option is also available, for tasks with less extensive light requirement. Additional coloured LED signals can also be added. All products of the XT range have easy, single-handed switching even with gloved hands allowing for straightforward function selection.

Battery duration varies by model, from 4 hours of high output light (XT-50) to 11 hours (XT-90); selecting powersave doubles this duration. State of battery charge is indicated with a bar of high intensity red LEDs, which go out as battery charge diminishes and the beam flashes off repeatedly when recharging is required. Use of the latest lithium-ion battery technology improves reliability and eliminates 'memory' affect and the 'quick' charger base fully recharges the Handlamp in a minimum of 2 hours, dependent on model, and is configured as a holder with 'snap-in/snatch-out' function, for quick release but secure retention. Emergency illumination function illuminates Handlamp if power to the charger fails.

The compact and lightweight high strength body has proven impact resistance even at sub zero temperatures; enhanced by rubber armoured lens ring, and handle/sides give improved grip and shock protection. The lens is resistant to scratches and chemical attack; the enclosure is electrostatic nonhazardous and certified to IP67.

## NSN Codes

6230-99-4473141 - XT-70MOD

## Features & Benefits

- ATEX and IECEx certified for use in Zones 1 and 21, plus Zones 0 and 20 version available
- Ultra bright high power LED light 350+ lumens
- Spot and flood switchable beam options
- Up to 11 hours duration on full power, 22 hours in powersave mode
- IP67 certified
- Integral stand for hands free beam direction (all models except XT-50)
- Quick charge, from 2 hours
- Emergency illumination power fail mode
- Supplied with shoulder carrying strap
- Suitable for cyclic and short and long term standby applications

## Certifications



1180





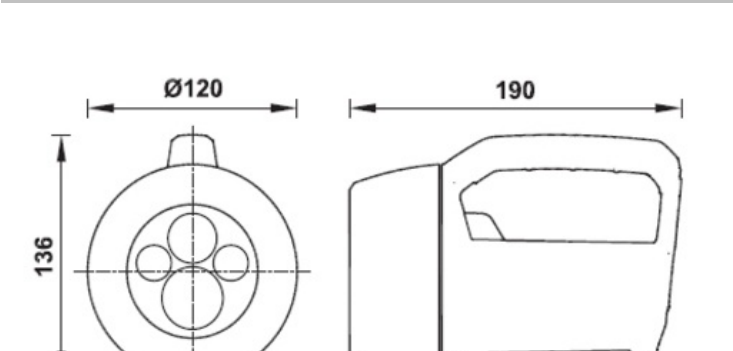
Technical Specification

Product Reference		XT-50	XT-70	XT-90	XT-75
Product Description		Rechargeable Safety Handlamp			
Code (ATEX & IECEX)	Industrial	I M2/II 2GD Ex ib op is I Mb/IIC T4 Gb IP67  Ex ib op is IIIB T185° C Db (Temperature ambient –30° C to +40° C)			I M1/II 1GD Ex ia op is I Ma/IIC T4 Ga IP67 Ex ia op is IIIB T185° C Da (Temperature ambient –30° C to +40° C)
	Mining	I M2 Ex ib I Mb IP67			I M1 Ex ia I Ma IP67
Type of Protection		“ib” intrinsic safety			"ia" intrinsic safety
Area of Classification (Gas)		Zones 1 and 2 Gas Groups IIA, IIB & IIC			Zones 0, 1 and 2 Gas groups IIA, IIB & IIC
Temp. Classification (Gas)		T4			
Area of Classification (Dust)		Zones 21 and 22 Dust Groups IIIA and IIIB			Zones 20, 21 and 22 Dust Groups IIIA and IIIB
Max. Surface Temperature (Dust)		185° C			
Certificate		ATEX Baseefa09ATEX0326X  IECEX BAS 09.0153X			
Enclosure		Impact resistant thermoplastic, electrostatic non-hazardous			
Lens		Toughened glass			
Beam Type		Spot	Spot/Flood	Spot/Flood/Signal	Spot/Flood
Light Source:	Type	High Power LED			
	Quantity	1 x White	2 x White	2 x White, 2 x Coloured	2 x White
	Output	350+ lm (White)			
	Life	25,000+ hrs			

Power Source:	Type	Rechargeable battery, Lithium-Ion			
	Part No.	XT-202	XT-204	XT-206	XT-204
	Life	Up to 500 recharge cycles			
Light Duration		Up to 4.0 / 8.0hrs	Up to 7.5 / 15.0hrs	Up to 11.0 / 22.0hrs	Up to 7.5 / 15.0hrs
Ingress Protection		IP67 to EN60529: 1992			
Weight		1.2Kg			
Compatible Charger		XT-200L 12-24Vdc / XT-200H 90V-254Vac			
Recharge Time		2.0 hrs	3.5 hrs	4.5 hrs	3.5 hrs

- All information has been gathered under laboratory conditions, the user must regard the values given as approximate.
- Changes may be made to the above specification without notification, details are available on request.

## Product Dimensions



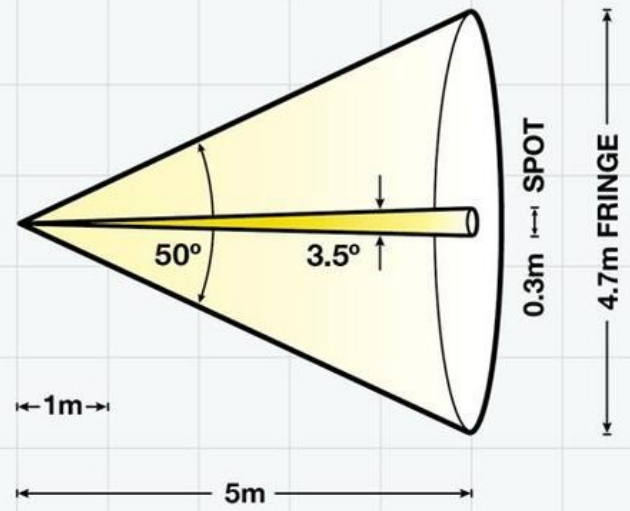
## Light Output

**XT-50, XT-70, XT-90, XT-75** - Spot Beam (approx 3.5°) with a low power Fringe Beam (approx 50°)  
 Peak luminous intensity, high power at 1m **13,130 lux**, at 5m **620 lux**  
 Peak luminous intensity, 'powersave' at 1m **8,050 lux**, at 5m **370 lux**

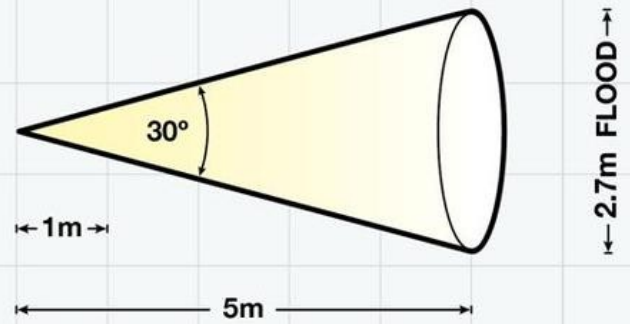
**XT-70, XT-90, XT-75** - Flood Beam (approx 30°)  
 Peak luminous intensity, high power at 1m **260 lux**, at 5m **14 lux**  
 Peak luminous intensity, 'powersave' at 1m **150 lux**, at 5m **9 lux**



## Spot



## Flood



Version: SL024 DF527 Issue 14

**Wolf**<sup>®</sup>

Wolf Safety Lamp Company, Saxon Road Works, Sheffield, S8 0YA, UK

- T: +44 (0) 114 255 1051 • F: +44 (0) 114 255 7988
- E: [info@wolfsafety.com](mailto:info@wolfsafety.com) • [www.wolfsafety.com](http://www.wolfsafety.com)

